

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of supporting multiple data stores for an integrated access system and identity system, comprising the steps of:
 - receiving a request at said integrated access system and identity system, said integrated access system and identity system supporting a plurality of data stores, each data store having a dedicated agent for interacting with the data store and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store;
 - determining based on the profiles which data stores can service said request;
 - creating a temporary proxy with one or more pointers to agents associated with said data stores that can service said request;
 - accessing data stores that can service said request via the agent for the one or more data stores from the temporary proxy;
 - reporting via the temporary proxy information based on said step of accessing; and
 - terminating the temporary proxy.
2. (Original) A method according to claim 1, wherein:
 - said step of accessing includes reading data.
3. (Original) A method according to claim 1, wherein:
 - said step of accessing includes writing data.
4. (Original) A method according to claim 1, wherein:

said step of reporting includes confirming a write action.

5. (Previously Presented) A method according to claim 1, wherein:
said plurality of data stores includes Lightweight Directory Access Protocol (LDAP) directories.
6. (Previously Presented) A method according to claim 1, wherein:
said plurality of data stores include at least one LDAP directory and at least one Structured Query Language (SQL) database.
7. (Original) A method according to claim 1, wherein:
said plurality of data stores include different types of data stores.
8. (Original) A method according to claim 1, wherein:
said step of accessing includes reading first data from a first data store and reading second data from a second data store; and
said step of reporting includes translating said first data to a first format and translating said second data to said first format.
9. (Original) A method according to claim 8, wherein:
prior to said translating, said first data is in a different format than said second data.
10. (Original) A method according to claim 8, wherein:
said first data store is a first type of data store; and
said second data store is a second type of data store.
11. (Original) A method according to claim 1, wherein:
said step of accessing includes reading first data from a first data store and reading second data from a second data store; and

said step of reporting includes combining said first data with said second data.

12. (Original) A method according to claim 11, wherein:

said first data store is a first type of data store; and

said second data store is a second type of data store.

13. (Original) A method according to claim 1, wherein:

said step of accessing includes multiple read and write operations to said data stores in response to said request.

Claims 14 - 15 (Canceled)

16. (Original) A method according to claim 1, wherein:

said data stores store disjoint namespaces.

17. (Original) A method according to claim 1, wherein:

each said data store stores a different portion of a directory.

18. (Previously Presented) A method of supporting multiple data stores, comprising the steps of:

receiving a request to access one or more of a plurality of data stores, each data store having a profile representing configuration information for the data store;

determining based on the profiles which data stores can service said request, each data store is associated with a separate agent, wherein each agent is mapped one-to-one with the profile for the associated data store;

creating a temporary proxy with one or more pointers to agents associated with said data stores that can service said request;

accessing said data stores that can service said request by communicating with said associated agents via the temporary proxy; and

reporting information based on said step of accessing.

19. (Previously Presented) A method according to claim 18, wherein:
said step of determining includes querying the profile for each data store.
20. (Canceled)
21. (Previously Presented) A method according to claim 18, wherein:
said step of receiving is performed by a database manager;
said step of determining is performed by said database manager;
said step of creating is performed by said database manager; and
said step of accessing is not performed by said database manager.
22. (Original) A method according to claim 18, wherein:
each data store is associated with a connection manager for
communicating with said data store.
23. (Previously Presented) A method according to claim 18, wherein:
said step of determining includes querying the profile for each data store;
said step of receiving is performed by a database manager;
said step of determining is performed by said database manager;
said step of creating is performed by said database manager;
said step of accessing is not performed by said database manager; and
each data store is associated with a connection manager for
communicating with said data store.
24. (Original) A method according to claim 18, wherein:
said plurality of data stores include different types of data stores.
25. (Original) A method according to claim 18, wherein:
said step of accessing includes reading first data from a first data store and
reading second data from a second data store; and

said step of reporting includes translating said first data to a first format and translating said second data to said first format, prior to said translating, said first data is in a different format than said second data.

26. (Original) A method according to claim 18, wherein:
said step of accessing includes reading first data from a first data store and reading second data from a second data store;
said first data store is a first type of data store;
said second data store is a second type of data store; and
said step of reporting includes combining said first data with said second.
27. (Original) A method according to claim 18, wherein:
said steps of receiving, determining, accessing and reporting are performed by an Identity System.

Claims 28 - 34 (Canceled)

35. (Previously Presented) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:
- receiving a request at said integrated access system and identity system, said integrated access system and identity system supporting a plurality of data stores, each data store having a dedicated agent for interacting with the data store and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store;
 - determining based on the profiles which data stores can service said request;
 - creating a temporary proxy with one or more pointers to agents associated with said data stores that can service said request;

accessing data stores that can service said request via the agent for the one or more data stores from the temporary proxy;
reporting via the temporary proxy information based on said step of accessing; and
terminating the temporary proxy.

36. (Original) One or more processor readable storage devices according to claim 35, wherein:

said plurality of data stores include different types of data stores.

37. (Original) A method according to claim 35, wherein:

said step of accessing includes reading first data from a first data store and reading second data from a second data store; and

said step of reporting includes translating said first data to a first format and translating said second data to said first format.

Claims 38 - 39 (Canceled)

40. (Previously Presented) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:

receiving a request to access one or more of a plurality of data stores, each data store having a profile representing configuration information for the data store;

determining based on the profiles which data stores can service said request, each data store is associated with a separate agent, wherein each agent is mapped one-to-one with the profile for the associated data store;

creating a temporary proxy with one or more pointers to agents associated with said data stores that can service said request;

accessing said data stores that can service said request by communicating with said associated agents via the temporary proxy; and
reporting information based on said step of accessing.

41. (Canceled)

42. (Previously Presented) One or more processor readable storage devices according to claim 40, wherein:

said step of receiving is performed by a database manager;
said step of determining is performed by said database manager;
said step of creating is performed by said database manager; and
said step of accessing is not performed by said database manager.

43. (Original) One or more processor readable storage devices according to claim 40, wherein:

said plurality of data stores include different types of data stores.

44. (Original) One or more processor readable storage devices according to claim 40, wherein:

said step of accessing includes reading first data from a first data store and reading second data from a second data store; and

said step of reporting includes translating said first data to a first format and translating said second data to said first format, prior to said translating, said first data is in a different format than said second data.

45. (Original) One or more processor readable storage devices according to claim 40, wherein:

said steps of receiving, determining, accessing and reporting are performed by an Identity System.

Claims 46 - 49 (Canceled)

50. (Previously Presented) An apparatus that supports multiple data stores, comprising:

- a communication interface;
- one or more processors in communication with said communication interface, said one or more processor programmed to perform a method comprising the steps of:
 - receiving a request to access one or more of a plurality of data stores, each data store having a dedicated agent for interacting with the data store and a profile mapping one-to-one with the dedicated agent and representing configuration information for the data store;
 - determining based on the profiles which data stores can service said request,
 - creating a temporary proxy having knowledge of agents for the data stores can service said request;
 - using said proxy to access said data stores that can service said request via the agents,
 - reporting information based on said step of accessing, and
 - terminating the temporary proxy.

51. (Original) An apparatus according to claim 50, wherein:
said plurality of data stores include different types of data stores.

52. (Original) An apparatus according to claim 50, wherein said step of using includes the steps of:

- reading first data from a first data store; and
- reading second data from a second data store, said step of reporting includes translating said first data to a first format and translating said second data to said first format, said first data is in a different format than said second data prior to said translating.

53. (Original) An apparatus according to claim 50, wherein:

said steps of receiving, determining, creating and reporting are performed by an integrated Identity System and Access System.

54. (Original) An apparatus according to claim 50, wherein:

said step of using includes said proxy communicating with separate agent for each of said data stores that can service said request.

55. (Previously Presented) A system that supports multiple data stores, comprising:

a set of profiles, each profile associated with one of said data stores and wherein each profile represents configuration information for the data store;

a set of agents, each agent associated with one of said data stores and adapted to facilitate communications with the data store;

a temporary proxy; and

a database manager, said database manager in communication with said profiles, wherein said database manager is adapted to receive a request to access one or more of the data stores, determine based on the profiles which data store can service the request and wherein said database manager creates said proxy in response to the request to access said data stores and causes said proxy to be in communication with agents associated with data stores that can service said request based on the profiles.

56. (Original) A system according to claim 55, wherein:

said database manager is part of an integrated Identity System and Access System.

57. (Original) A system according to claim 55, wherein:

said multiple data stores include different types of data stores.